

OPTICAL COORDINATE INPUT DEVICE

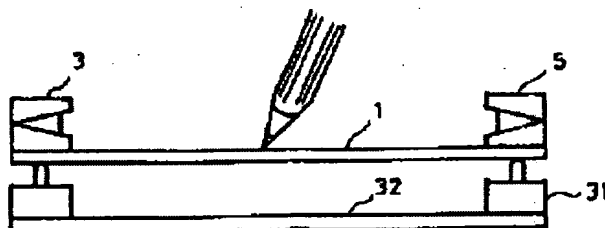
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Abstract of JP60250423

PURPOSE: To prevent a misinput and to improve the reliability of the coordinate input signal by providing a means to an optical coordinate input device to detect a conscious touch to a coordinate input screen.

CONSTITUTION: An optical coordinate input device contains a light emitting diode train 3 at each of horizontal and vertical sides of a coordinate input screen 1 together with a photodetecting element train 5 at each of the sides opposite to said horizontal and vertical sides respectively. An optical path is cut at a point on the screen by means of a pen, etc. Thus the coordinate signal is detected via the train 5 and a scan controller. In this case, a pressure sensor 31 and a substrate 32 are set on the lower surface side of the screen 1. Then the sensor 31 is actuated when the screen 1 is pressed with the force larger than a prescribed level. Thus a touch signal is produced. The coordinate signal is delivered as an effective signal only when the touch signal is produced. This can prevent a malfunction of an optical coordinate input device.



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